

ABSTRACT

5 A transverse leaf spring structure and a manufacturing method for a composite transverse leaf spring is disclosed. The leaf spring is formed using a pre-formed tubular fiberglass fabric comprising longitudinally aligned and braided fiberglass fibers. The fabric is installed over an interior form, such as one or more inflatable bladders, and positioned within a forming mold. After resin is applied and cured to an appropriate stiffness within the mold, the mold is removed. The interior form is then removed from the composite leaf spring.

10

10037043-123101